## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

FEB 2 2 2002

Patent Application of Brad A. Armstrong, Inventor

Serial No.: 09/721,848 Filed: 11/22/2000 SHEET CONNECTED SENSORS WITH VIBRATION

Examiner: Chow, Doon Y Group Art Unit: 2675

Dear Sir:

Herewith is another multiple page prior art Information Disclosure Statement, using Substitutes for form 1449A/PTO. Best full or best partial copies of the reference disclosures are included for reviewing by the Examiner. These additional listed reference disclosures should be considered by the Examiner (PTO). Depending upon the particular claim, certainly not all of the listed disclosures are "prior art" to the present invention, as the instant Application is filed in a chain of co-pendency with a priority claim under 35 USC 120 dating back to at least March 5, 1992.

Next to each listing of the reference disclosures is the statement "generally all", which in this case means the reference disclosure is relevant in general terms and should be reviewed at least because it discusses one or more related electrical devices, and is therefore at least somewhat relevant to the present invention. However, I believe none of the reference disclosures of record alone anticipate the present invention, and that no proper combination of any of the prior art of record suggests the present invention.

While I do not believe there are any identical scope claims, I wish the issues pertaining to Double Patenting be considered by the PTO, as I have many additional pending U.S. Patent Applications and Patents under my name. Please do not hesitate to request from Applicant anything which may be of help. Thank you for your assistance with this very important matter.

Brad A. Armstrong, Inventor

2-21-02 Date:

03/04/2002 SSITHIB1 00000022 09721848

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PTC/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE control number.

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STATEMENT BY APPLICANT

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Sheet / of 3

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Application Number	09/721.848					
Filing Date	/11/22/2000	_				
First Named Inventor	Brad A. Armstrong	_				
Art Unit	2675	_				
Examiner Name /	Chow, Doon Y	_				
Attorney Docket Number	32	_				

/	7		U.S. PAT	ENT DOCUMENTS	A.
Examiner Inklais		Document Number Number - Kind Code <sup>2</sup> (# known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Riggart Figures Appear
		Us-\5510812	1996	0 Mará	Generally all "Oo
		Us- 4469330	1984	Ashe/r	generally all
		US 6231444	2001	Go t/6	generally all
	<u> </u>	us. 5565891	1996	Armstrong	generally all
	<u> </u>	us D355901	1995	Bradley	generally all
	<u> </u>	us 4555960	1985	King	generally all
		us. 4924216	1990	Leung	generally all
		US- 4933670	1990 /	Wislocki	generally all
		Us 5065146\	1991 /	Garrett	generally all
		us 5128671 \	1992 /	Thomas, Jr.	generally all
		US- 5237311	1993 /	Wislocki	generally all
		US- 5293158	1994/	Soma	generally all
`		us 5298919	1994/	Chang	generally all
-		us- 5329276	1994	Hirabayashi	generally all
	<u> </u>	us. 2430284	19#7	Evers	generally all
		US 3693425	1972	Starita et al	generally all
		US- 3921445	1975	Hill et al	generally all
		US- 4099409	1978	Edmond	generally all
		us- 4216467	/1980 \	Colston	generally all
		Us 4297542	1981	Shumway	(1 1)

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Examiner Signature Date Considered

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.ceithin.wo.or.word.new.or.">www.ceithin.wo.or.word.new.or.wor.word.new.or.word.new.or.word.new.or.wor.word.new.or.word.new.or

control number.

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Complete if Known						
Application Number	09/721/848					
Filing Date	11/22/2000					
First Named Inventor	Brad A. Armstrong					
Art Unit	2075					
Examiner Name	Doon Chow					
Attorney Docket Number	32					

		U.S. PATI	ENT DOCUMENTS		
Examiner Initials	No.1 Number - Kind Code? (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, L Relevant Passages Figures Ap	or Relevant pear
	Us4348142	1982	Figour	generally	
	Us4369663	1983	Venturallo etal	generally	all
	Us4414537	1983	Grimes	11	11
	US4536746	1985	Gobeli	11	61
	us4555960	1985	King	*1	11
	US-4670743	1987	Zemke	11	11
	us4684089	1987	van der Lely	<b>11</b>	11
	Us4811608	1989	Hilton	11	H
.*-	US-4855704	1989	Betz	11	- 91
	US-4910503	1990	Broadsky	99	н
	us-4935728	1990	Kley	11	11
	Us-5128671	1992	Thomas, Jr.	11	11
	Us-5142931	1992	Menahem	14	77
	US-5168221	1992	Houston	11	+1
	us-5189355	1993	Larkins et al	11	11
	us-5252952	1993	Frank et al	11	11
	US-5329276	1994	Hirabayashi	11	11
,	us-6004210	1999	Shinohara	11	11
	us-6001014	1999	Ogata	11	11
	US-5237311	1993	Mailey	11	11

		FOR	EIGN PATENT D	OCUMENTS	
Examiner Initials	 Foreign Pate Canty Code 3 - Number 4	nt Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear T <sup>6</sup>
	0205726	(EP)	1986		generally all
	739505	(SU)	1977		generally all
	2205941	(GB)	1988		generally all
	 2240614	(GB)	1991		generally all

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Signature	Considered	

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Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uninic.nov">www.uninic.nov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Initials*	Cite No.1	Number (#	ument id Code² known)	or Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6310606		Armstrong	2001	generally all
		5551693		Goto	1996	generally all
		5716274		Goto	1998	generally all
		5853326	_	Goto et al	1998	generally all
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Initials*	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (# known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T⁵		
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